ACADEMY
NVIDIA

NVIDIA ACADEMY COURSE CATALOG

NVIDIA Academy offers courses and workshops covering network and compute technologies for a variety of accelerated computing deployments, based on NVIDIA solutions. This education is developed by a winning team of training developers and delivered by a team of dedicated professional instructors who bring vast field experience to each course.

HOW TO ORDER?

Instructor-led courses: training@nvidia.com | tomero@nvidia.com

Self-paced online courses: https://academy.nvidia.com/en

Certifications: https://www.nvidia.com/en-us/learn/certification/

INSTRUCTOR-LED COURSES

DGX SuperPOD Administration Customized Training

This course is designed to help IT professionals successfully administer all aspects of a DGX SuperPOD cluster including compute, storage, and networking. Learn more

Delivery Format: Private remote / onsite training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-SPDIV4
Duration: 4 sessions of up to 4 hours each | 3-days onsite

DGX POD Administration Customized Training

This course provides an overview of DGX POD components and related processes, including the NVIDIA DGX H100/A100 System; InfiniBand and ethernet networks; tools for in-band and out-of-band management; NGC; the basics of running workloads; and specific management tools and CLI commands. This course includes instructions for managing vendor-specific storage per the architecture of your specific POD solution. Learn more

Delivery Format: Private remote / onsite training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-PODIV4
Duration: 4 sessions of up to 4 hours each | 3-days onsite

DGX System Administration Customized Training

This course provides an overview the NVIDIA DGX system and tools for in-band and out-of-band management, NGC, the basics of running workloads, and specific management tools and CLI commands. In addition, this course includes content on multi-instance GPU, managing storage, performance validation, and other system management tools and concepts. Learn more

Delivery Format: Private remote / onsite training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-DGXIV4
Duration: 4 sessions of up to 4 hours each | 3-days onsite

DGX System Administration Public Training

This course provides an overview of the H100/A100 System and DGX H100/A100 Stations' tools for in-band and out-of-band management, the basics of running workloads, specific management tools and CLI commands. Learn more

Delivery Format: Public remote training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU and Price: 789-DGXIV5, $1500 per seat
Duration: 3 sessions of 4 hours

AI Infrastructure Professional Public Training

This course specializes in optimizing efficiency, reliability, and scalability for deploying AI environments. It covers various infrastructure aspects, including compute platforms, networking, storage, and the setup and maintenance of AI infrastructure. Learn more

Delivery Format: Public remote training
Target Audience: administrators, DevOps professionals, and IT-related roles who want to gain the knowledge and skills necessary to deploy and maintain AI data centers.
SKU and Price: 723-ADCIV6, $3500 per seat
Duration: 7 sessions of 4 hours

AI Operations Professional Public Training

This course covers essential aspects of operating AI data centers, including provisioning and management, running AI workloads, and implementing AI virtualization. Participants will acquire expertise in operating essential AI building blocks such as GPUs, CPUs, and DPUs, empowering them to effectively operate an AI data center while ensuring optimal performance and uninterrupted operation. Learn more

Delivery Format: Public remote training
Target Audience: administrators, DevOps professionals, and IT-related roles who want to gain the knowledge and skills necessary to deploy and maintain AI data centers.
SKU and Price: 723-DCOIV6, $3000 per seat
Duration: 6 sessions of 4 hours

AI Infrastructure and Operations Professional Public Training

This specialized course is designed to equip professionals with the skills and knowledge necessary to optimize efficiency, reliability, and scalability in deploying AI environments within data centers. Covering various infrastructure and operation aspects like compute platforms, networking, and storage, the course focuses on key AI components such as GPUs, CPUs, and DPUs. Learn more

Delivery Format: Public remote training
Target Audience: administrators, DevOps professionals, and IT-related roles who want to gain the knowledge and skills necessary to deploy and maintain AI data centers.
SKU and Price: 723-AOIIV3, $5500 per seat
Duration: 11 sessions of 4 hours

NVIDIA AI Enterprise Administration Public Training

This course covers the platform and solution overview, hardware and software architecture, deployment options, licensing, temporal and spatial GPU partitioning, scaling, comprehensive validation, management, maintenance, monitoring, and troubleshooting. Learn more

Delivery Format: Public remote training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU and Price: 789-ONAIV3, $1500 per seat
Duration: 4 sessions of 4 hours

Base Command Manager Administration Customized Training

The NVIDIA Base Command Manager (BCM) administration course provides an overview of Base Command Manager including managing nodes and software images, monitoring devices and jobs, users management, and configuring workload managers. This course also covers using Base Command Manager with cloud based nodes, configuring Base Command Auto Scaler, and configuring Bright for use with GPUs including NVIDIA multi-instance GPUs. Learn more

Delivery Format: Private remote / onsite training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 723-BCAIO3
Duration: 3 sessions of 4 hours

Cumulus Linux Professional Customized Training

In this hands-on private training, you will learn about NVIDIA Cumulus OS architecture, installation, configuration, operation, and management of Cumulus Linux running on NVIDIA switches. Learn more

Delivery Format: Private remote / onsite training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-CUMIV5
Duration: 5 sessions of 4-hours | 4-days onsite

Cumulus Linux Professional Public Training

Learn how to install, deploy, configure, and troubleshoot Cumulus-based networks. This course offers a perfect blend of hands-on training and theoretical education. Learn more

Delivery Format: Public remote training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-CUMBVA (APAC and Europe) / 789-CUMBVU (US and Europe), $1500 per seat
Duration: 3 sessions of 4-hours

InfiniBand Professional Customized Training

In this course, you will learn about InfiniBand architecture and how to manage, monitor and troubleshoot your InfiniBand network. Learn more

Delivery Format: Private remote / onsite training
Target Audience: IT Professionals, Network and System Admins/Engineers
SKU: 789-IBPIV4
Duration: 4 Sessions of 4-hours

SELF-PACED ONLINE COURSES

Platinum Membership ⚙

This membership plan provides full access to all NVIDIA Academy self-paced courses (view full course list below), and free video library access. Learn more

SKU and Price: 789-ACPMSP, $250 Annual

AI Infrastructure & Operations Fundamentals Course and Certification

A special price for the AI Infrastructure and Operations Fundamentals Self-Paced course and NVIDIA-Certified Associate: AI Infrastructure and Operations Certification Exam. Your exam voucher will be emailed to you within 24 business hours after purchse. Learn more

Target Audience: IT Professionals, Network and System Admins/Engineers, DevOps Engineers
Price: $150 course and certification
SKU: 723-AIECS7

AI For All: From Basics to GenAI Practice

This introductory course provides invaluable insights into the evolving landscape of AI. Whether you're a seasoned professional or just beginning your journey into AI, this course is essential for staying ahead in today's rapidly evolving technological landscape. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

InfiniBand Essentials

This self-paced course covers the fundamental first steps into the world of InfiniBand. If you are looking to become more familiar with InfiniBand's benefits, uses, architecture layers, and management concepts, this is the best place to start. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

InfiniBand Professional

This course covers the fundamentals of the InfiniBand technology from a usability point of view and builds on the details of the InfiniBand architecture specification. You will learn how to install, configure, manage, troubleshoot, and monitor your InfiniBand network. Learn more

Target Audience: IT Professionals, Network and System Admins/Engineers
Price: $200 single course I $250 as part of Platinum membership
SKU: 789-IBPCSE

NVIDIA AI Enterprise Administration

In this course you will learn how to deploy and administer the NVIDIA AI Enterprise Solution in a VMware vSphere environment with Docker containers. Taking the NVIDIA AI Enterprise Administration course provides you with a competitive edge by equipping you with in-demand skills and knowledge required to effectively administer an AI infrastructure in enterprise settings. This course will empower you to navigate the complexities of AI deployments and drive successful outcomes in your organization. Learn more

Target Audience: IT professionals, including system administrators and DevOps, who are expected to successfully deploy and administer the NVIDIA AI Enterprise solution.
Price: $100 single course I $250 as part of Platinum membership
SKU: 723-NAICSP

Base Command Manager Administration

This course provides an overview of the Base Command Manager solution. For those that are going to be managing and working with HPC or AI clusters, this course will give you a head start on understanding a powerful tool for cluster and workload management. Learn more

Target Audience: IT professionals, including system administrators and DevOps, who are expected to successfully deploy and administer the Base Command Manager solution.
Price: $50 single course I $250 as part of Platinum membership
SKU: 723-BCMASP

BlueField DPU Administration

In this self-paced course, you will learn the basic concepts of BlueField DPUs as a platform for accelerated data center computing. Upon completion, you will be equipped with a set of introductory knowledge and skills that will enable you to bring-up the BlueField DPUs and begin using them to develop applications that accelerate your data centers services. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: $50 single course I $250 as part of Platinum membership
SKU: 723-BFDCSP

Introduction to Networking

In this course we will cover the basics of networking, introduce some of the most used TCP/IP protocols and cover the fundamentals of an Ethernet network. In addition, you'll be equipped with the basic knowledge to understand the main data center requirements and how they can be fulfilled. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

NVIDIA Cumulus Linux Essentials

This introductory course provides invaluable insights into the basics of Cumulus Linux, how to get started in setting up the software and fundamental configurations. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

Network Administration with NVIDIA ONYX Switch System

This course provides the required set of skills to configure and manage NVIDIA ethernet switch systems. You will learn in depth layer 2 configurations such as VLAN, STP, LAG and MLAG, as well as how to configure layer 3 features such as BGP. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: $100 single course I $250 as part of Platinum membership
SKU: 789-ONXCSP

Ansible Essentials for Network Engineers

In this course, you will explore a variety of Ansible modules, and write playbooks specifically adapted to modern data centers. This course includes an exclusive hands-on lab environment and exercises to practice real-world scenarios in real cloud environments. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: $50 single course I $250 as part of Platinum membership
SKU: 789-ANECSP

The Fundamentals of RDMA Programming

This course allows C programmers to dive into the RDMA programming world without requiring previous experience in networking or RDMA programming. We have also added tips and tricks, as well as do's and don'ts so that the skills you acquire will truly serve you when you need them. Learn more

Target Audience: Developers, IT Professionals
Price: $50 single course I $250 as part of Platinum membership
SKU: 789-RDMCSP

RDMA over Converged Ethernet (RoCE) from A to Z

In this course you will learn what is RoCE, how it works, get familiar with the different network types RoCE can run over and also learn how to configure RoCE for each network type. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

NVIDIA License System

NVIDIA License System (NLS) is a new licensing solution to support the continued expansion of the NVIDIA enterprise software portfolio. This course will help you to learn about NLS and how you can move from your existing licensing solution to NLS. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

MLXlink and MLXcables Debug Tools

In this course, you'll learn about the MLXlink and MLXcables debug tools. These debug tools are used for both basic link troubleshooting and for analyzing the more complex link characteristics. Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: Free course

Data Center Management Made Easy with NVIDIA UFM

In this course you will learn about UFM Enterprise, how to automate network discovery and provisioning, how to perform traffic monitoring and congestion discovery with UFM. In addition, you will discover how to enable job schedule provisioning and how to integrate with industry-leading job schedulers and cloud and cluster managers, including Slurm and Platform Load Sharing Facility (LSF). Learn more

Target Audience: IT Professionals, Networking and System Admins/Engineers
Price: $50 single course I $250 as part of Platinum membership
SKU: 789-UFMCSP

CERTIFICATIONS ⁂

The NVIDIA Certification Program enables partners, customers, and other professionals to demonstrate their skills and expertise. Further your career options by successfully completing an NVIDIA certification. Learn more

NVIDIA Certified Associate – AI Infrastructure and Operations

This is an entry-level certification that validates foundational concepts of adopting artificial intelligence computing by NVIDIA in a data center environment. Learn more

Price: $135
SKU: NCA-AIIO
Prerequisites: A basic understanding of data center infrastructure
Validity: two years

NVIDIA Certified Associate – AI Infrastructure

The NCP-AI Infrastructure certification is an intermediate-level credential that validates a candidate's ability to deploy, manage, and maintain AI infrastructure by NVIDIA. Learn more

Price: $400
SKU: NCP-AII
Prerequisites: Two to three years of operational experience working in a data center with NVIDIA hardware solutions. The candidate should be able to deploy all the parts of a data center infrastructure in support of AI workloads.
Validity: two years

NVIDIA Certified Associate – AI Operations

The NCP-AI Operations certification is an intermediate-level credential that validates a candidate's ability to monitor, troubleshoot, and optimize AI infrastructure by NVIDIA. Learn more

Price: $400
SKU: NCP-AIO
Prerequisites: Two to three years of operational experience working in a data center with NVIDIA hardware solutions. The candidate should be able to monitor and manage all the parts of a data center infrastructure in support of AI workloads.
Validity: two years

NVIDIA Certified Professional – InfiniBand

This is an intermediate level certification that validates core concepts for designing, deploying, and managing NVIDIA InfiniBand Fabrics. Learn more

Price: $220
SKU: NCP-IB
Prerequisites: A thorough understanding of data center infrastructure and networking.
Validity: two years